ARCHIVES OF

OTOLARYNGOLOGY

EDITORIAL BOARD

GEORGE M. COATES, Chief Editor
1721 Pine Street, Philadelphia 3

ISIDORE FRIESNER, New York
RALPH A. FENTON, Portland, Ore.
ERNEST M. SEYDELL, Wichita, Kan.
CHEVALIER JACKSON, Philadelphia
JAMES A. BABBITT, Philadelphia (Deceased)
J. MACKENZIE BROWN, Los Angeles
CARL H. McCASKEY, Indianapolis

VOLUME 40
1944

PUBLISHERS
AMERICAN MEDICAL ASSOCIATION
CHICAGO, ILL.

Medical
Lib.

CONTENTS OF VOLUME 40

JULY 1944. NUMBER 1

PAGE

Intracranial Suppuration Secondary to Disease of the Nasal Septum: A Survey of the Literature; a Report of Cases and Animal Experiments. Captain Lloyd K. Rosenvold, Medical Corps, Army of the United States 1

Chemotherapy and Biotherapy: Their Relation to the Prevention and Treatment of Diseases of the Ear, Nose and Throat. John A. Kolmer, M.D., Philadelphia 17

Modern View of Neuralgia Referable to Meckel's Ganglion: Report of Cases Showing Relief of Pain and Sometimes Arrest of Development of Ulcers of the Cornea by Cocainization of the Ganglion. B. R. Dysart, M.D., Pasadena, Calif 29

Thrombosis of the Cavernous Sinus with Hemolytic Streptococcic Bacteremia: Treatment by Intravenous Injection of Sulfadiazine and Penicillin, with Recovery. Jonas W. Wolf, M.D., Yonkers, N. Y 33

Present Status of Diagnosis and Management of Ménière's Syndrome. Hans Brunner, M.D., Chicago 38

Absorptive Capacity of the Nose. Maurice Saltzman, M.D., Philadelphia 44

Cancer of the Trachea: Report of Five Cases. Gilbert E. Fisher, M.D., Birmingham, Ala. 49

Prevention of Traumatic Deafness: Further Studies. Captain William H. Wilson, Medical Corps, Army of the United States 52

Clinical Notes; New Instruments and Technics:

Modification of the Blade of the LaForce Tonsillectome. Frederick E. Keller, M.D., Philadelphia 59

Case Reports:

An Unusual Foreign Body of the Larynx. Major Arnold F. Judge, Medical Corps, Army of the United States 60

Adamantinoma of the Maxillary Sinus. Walter F. Mosher, M.D., Ventura, Calif.. 61

Abstracts from Current Literature 63

Society Transactions:

College of Physicians of Philadelphia, Section on Otolaryngology, and Philadelphia Laryngological Society 67

Book Reviews 73

News and Comment 73

Directory of Otolaryngologic Societies 74

AUGUST 1944. NUMBER 2

Labyrinthitis Due to Pneumococcus Type III: Histopathologic Studies. Franz Altmann, M.D., and Jules G. Waltner, M.D., New York 75

Histopathology of the Nasal Mucosa of Older Persons. A. R. Hollender, M.D., Chicago 92

Ménière's Syndrome: Results of Treatment with Nicotinic Acid in the Vasoconstrictor Group. Miles Atkinson, M.D., F.R.C.S. (England), New York 101

Hereditary Hemorrhagic Telangiectasia (Osler's Disease): A Review of the Literature and Report of Cases. Maurice F. Stock, M.D., Topeka, Kan 108

Vitamin C–Sulfonamide Compounds in the Healing of Wounds: The Use of Sulfanilamide Ascorbate in the Treatment of Chronic Suppuration of the Wound After Radical Mastoidectomy. Simon L. Ruskin, M.D., New York 115

Epistle on the Organs of Hearing by Bartholomaeus Eustachius Dedicated to Francis Alciatus, Bishop of Milan During the Reign of Pope Pius IV. Translated by Grant O. Graves, M.D., and Maurice E. Galante, B.A., Columbus, Ohio 123

Carcinoma of the Larynx: A Review of Treatment and End Results at the Brooklyn Cancer Institute. W. E. Howes, M.D., and M. Platau, M.D., Brooklyn 133

AUGUST—*Continued*

Case Reports: PAGE

Extramedullary Plasma Cell Tumor of the Mouth. Captain James R. Stancil and Major Wray J. Tomlinson, Medical Corps, Army of the United States 139

Progress in Otolaryngology. Summaries of the Bibliographic Material Available in the Field of Otolaryngology:

Tumors of the Nose and the Throat. Gordon B. New, M.D., and Edward L. Foss, M.D., Rochester, Minn 142

Book Reviews 149

Abstracts from Current Literature 150

Society Transactions:

Chicago Laryngological and Otological Society 153

Directory of Otolaryngologic Societies 156

SEPTEMBER 1944. NUMBER 3

Traumatism of the Frontal Sinuses. Ralph A. Fenton, M.D., Portland, Ore 157

Vertical Nystagmus Produced by Peripheral Labyrinthine Lesions. E. A. Spiegel, M.D., Philadelphia, and N. P. Scala, M.D., Washington, D. C 160

Pseudomembranous Angina Followed by Partial Pharyngeal Paralysis. Captain Joseph V. M. Ross, Medical Corps, Army of the United States 164

Management of the Alveolar Fistula. Frederick T. Hill, M.D., D.Sc., Waterville, Maine 167

An Otolaryngologic Aspect of Frontal Meningocele: Report of Cases. Major E. A. Stuart, Royal Canadian Army Medical Corps, Ca., Montreal, Canada 171

Primary Tumors of Stensen's and Wharton's Ducts. Frederick A. Figi, M.D., and Willard D. Rowland, M.D., Rochester, Minn 175

The Preepiglottic Space: Its Relation to Carcinoma of the Epiglottis. Louis H. Clerf, M.D., Philadelphia 177

Ossifying Fibroma of the Superior Maxilla. H. James Hara, M.D., Ph.D., D.Sc. (Med.), Hinsdale, Ill. 180

Hemangioma of the Adult and of the Infant Larynx: A Review of the Literature and a Report of Two Cases. George B. Ferguson, M.D., Durham, N. C 189

Prevention of Secondary Post-Tonsillectomy Hemorrhage with Sulfathiazole Gum. Francis Henry McGovern, M.D., Danville, Va 196

Surgical Treatment of Nasal Obstruction: Indications for a Plastic Approach to Septal Deformity: Details of Plastic Procedures. Nathan A. Bolotow, M.D., Providence, R. I. 198

Case Reports:

Rhinosporidiosis. Major William H. Seale, Captain Clifton B. Flinn and Captain Edward C. Britt, Medical Corps, Army of the United States 203

Meningitis Due to Post-Traumatic Cerebrospinal Rhinorrhea. Milo C. Schroeder, M.D., Loma Linda, Calif 206

Clinical Notes: New Instruments and Technics:

A New Nasopharyngeal Radium Applicator. M. William Clift, M.D., Flint, Mich. 208

Progress in Otolaryngology. Summaries of the Bibliographic Material Available in the Field of Otolaryngology:

Peroral Endoscopy. Louis H. Clerf, M.D., and J. Robert Fox, M.D., Philadelphia, and Lieutenant Commander Stephen J. Ryan (MC), U.S.N 210

Abstracts from Current Literature 226

Society Transactions:

College of Physicians of Philadelphia, Section on Otolaryngology, and Philadelphia Laryngological Society 229

Directory of Otolaryngologic Societies 232

OCTOBER 1944. NUMBER 4

PAGE

Development of the Organ of Corti in Relation to the Inception of Hearing. O. Larsell, Ph.D., Portland, Ore.; Edward McCrady Jr., Ph.D., Sewanee, Tenn., and Lieutenant John F. Larsell, Medical Corps, Army of the United States 233

Indications, Procedures and Results in the Surgical Management of Mastoiditis: A Review of Thirty-Three Cases. Darrell G. Voorhees, M.D., New York 249

Bilateral Acoustic Neuritis: A Review of the Literature and a Report of a Case. Lieutenant Colonel M. R. Johnson, Medical Corps, Army of the United States 261

Reduced Atmospheric Pressure as a Form of Treatment for Paranasal Sinusitis. D. B. Butler, B.M., M.S.; G. J. Greenwood, M.D., D.D.S., and A. C. Ivy, M.D., Ph.D., Chicago 266

Total Laryngectomy: Simplified Technics with the Use of a Special Clamp Which Makes Possible the Removal of the Larynx and Preepiglottic Space Without Opening the Pharynx. Edmundo Vasconcelos and Plinio de Mattos Barretto, São Paulo, Brazil 275

Physical Characteristics of Some Bone Oscillators Used with Commercially Available Audiometers. Frederick M. Grossman, M.D., and Charles T. Molloy, M.S., New York 282

Fissural Cysts. Harry C. Rosenberger, M.D., Cleveland 288

Neurinoma of the Facial Nerve. Robert M. Bogdasarian, M.D., Binghamton, N. Y. 291

Case Reports:

Removal of a Frontal Osteoma and Correction of the Defect with a Tantalum Implant. Captain John J. Conley, Medical Corps, Army of the United States 295

Thrombosis of the Cavernous Sinus. William B. Barry, M.D., M.Sc. (Med.), Kansas City, Kan. 299

Progress in Otolaryngology. Summaries of the Bibliographic Material Available in the Field of Otolaryngology for 1943:

The Paranasal Sinuses. Samuel Salinger, M.D., Chicago 301

Abstracts from Current Literature 326

News and Comment 328

Society Transactions:

Chicago Laryngological and Otological Society 329

Directory of Otolaryngologic Societies 332

NOVEMBER 1944. NUMBER 5

Fractures of the Temporal Bone. George Kelemen, M.D., Boston 333

Traumatic Deafness in Combat Flyers. Major E. V. Ullmann, Medical Corps, Army of the United States 374

Complications of Otitis Media and Their Treatment. Commander E. E. Koebbe (MC), U.S.N.R., and Lieutenant Commander J. J. Potter (MC), U.S.N.R. 382

Lymphangitis of the Retropharyngeal Lymphatic System. J. Mathews Robison, M.D., Houston, Texas 385

Malignant Tumors of the Nasal Cavity: Report of Eight Cases in Which a Fronto-ethmoid Approach was Employed. Fred Z. Havens, M.D., and William C. Thornell, M.D., Rochester, Minn. 396

Use of Radon to Prevent Otitis Media Due to Hyperplasia of Lymphoid Tissue and Barotrauma (Aero-Otitis). Major Edmund P. Fowler Jr., Medical Corps, Army of the United States 402

Case Reports:

Chronic Suppurative Maxillary Sinusitis Treated Locally with Penicillin by a New Method. Major George G. Sale and Captain Edward H. Diamond, Medical Corps, Army of the United States 406

Progress in Otolaryngology. Summaries of the American and British Bibliographic Material Available in the Field of Otolaryngology:

Tonsils and Adenoids. J. Dudley Singleton, M.D., Dallas, Texas 409

NOVEMBER—*Continued*

PAGE

Abstracts from Current Literature 415

Society Transactions:

Massachusetts Eye and Ear Infirmary 418

College of Physicians of Philadelphia, Section on Otolaryngology, and the Philadelphia Laryngological Society 422

Chicago Laryngological and Otological Society 427

News and Comment 430

Book Reviews 431

Directory of Otolaryngologic Societies 432

DECEMBER 1944. NUMBER 6

The Nasal Septum: Plastic Repair of the Deviated Septum Associated with a Deflected Tip. Albert P. Seltzer, M.D., M.Sc. (Med.), Philadelphia 433

Cystadenoma of the Larynx: Report of Four Cases. Frederick A. Figi, M.D.; Willard D. Rowland, M.D., and Gordon B. New, M.D., Rochester, Minn 445

Surgical Treatment of Atrophic Rhinitis. Lester W. Eisenstodt, M.D., Newark, N. J. 451

Mechanisms of Ocular Movement in Man: Influence of the Vestibular Apparatus. H. B. Perlman, M.D., and T. J. Case, M.D., Chicago 457

Aviation Deafness. P. W. Malone, M.D., Big Spring, Texas 468

The Aging Ear. Edmund Prince Fowler, M.D., New York 475

Sulfonamide Compounds in the Treatment of Infections of the Nasal Sinuses. Edward J. Whalen, M.D., Hartford, Conn 481

Bronchial Adenoma with Metastasis. Herman I. Laff, M.D., and Karl T. Neubuerger, M.D., Denver 487

Epiphora of Nasal Origin: A Simple Method of Treatment. G. Edward Tremble, M.D., Montreal, Canada 494

Thrombophlebitis of a Cavernous Sinus Following Extraction of Teeth: Cure with Penicillin and Heparin. Irving H. Wiesenfeld, M.D., and Edward Phillips, M.D., Oakland, Calif 497

Case Reports:

Chronic Extradural Abscess in Children: Its Effect on Behavior. John B. Price, M.D., Norristown, Pa 501

Clinical Notes; New Instruments and Technics:

Instrument for Anchoring Fractures of Bones of the Head. Holland N. Stevenson, M.D., New Rochelle, N. Y 503

Progress in Otolaryngology. Summaries of the Bibliographic Material Available in the Field of Otolaryngology:

Otitis Media and Complications. B. R. Dysart, M.D., Pasadena, Calif 504

Abstracts from Current Literature 510

News and Comment 512

Society Transactions:

College of Physicians of Philadelphia, Section on Otolaryngology, and the Philadelphia Laryngological Society 513

Chicago Laryngological and Otological Society 517

Book Reviews 521

Directory of Otolaryngologic Societies 522

General Index 523